DOCUMENT RESUME

ED 395 809 SE 058 424

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TITLE	Tested Studies for Laboratory Teaching. Proceedings of the Workshop/Conference of the Association for Biology Laboratory Education (ABLE) (14th, Las Vegas, Nevada, June 2-6, 1992). Volume 14.
INSTITUTION	Association for Biology Lab. Education, New Haven, CT.
REPORT NO	ISBN-0-9626182-6-8
PUB DATE	93
NOTE	240p.
AVAILABLE FROM	Yale University, Dept. of Biology, P.O. Box 208104, New Haven, CT 06520-8104.
PUB TYPE	Collected Works - Conference Proceedings (021)
EDRS PRICE	Document Not Available from EDRS.
DESCRIPTORS	*Biology; *College Science; Higher Education; Science Activities; Science Education; *Science Experiments; *Science Instruction; Teacher Workshops

ABSTRACT

The focus of the Association for Biology Laboratory Education (ABLE) is to improve undergraduate biology laboratory experiences by promoting the development and dissemination of interesting, innovative, and reliable laboratory exercises. This proceedings volume contains 11 papers: "A Practical Guide to the Use of Cellular Slime Molds for Laboratory Exercises and Experiments" (D. M. Bozzone); "General Control of Cell Chemistry Using 'Serratia marcescens'" (E. V. Schmidt); "Using Computer-Interfaced Physiological Measurement Systems in the Biology Laboratory" (B. L. Roohk & S. A. Clark); "Estimating Plant Densities Using Transects" (M. E. Andersen); "'Optimal' Organism Design and Costs for Not Being Perfect" (F. R. Hainsworth); "Isolation of an Unknown Bacterium from Soil" (P. M. Steubing); "Diffusion Across a Sheep Red Blood Cell Membrane" (L. A. Scott); "An Introduction to Population Genetics" (M. E. Andersen); "Fundamental Issues In Dissection: Muscle Physiology--A Case Study" (C. A. Budd, R. F. Wells, & S. Shreffler); "Computer Enhanced Learning in Biology" (S. E. Andrews & M. A. J. Collins); and "Natural History Field Courses in East Africa" (V. M. Lawrence). Appendices contain mini-workshops and ABLE membership list. (MKR)

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